

BOROUGH OF MAIDSTONE



The Health of Maidstone

1972

**Annual Report of the
Medical Officer of Health**

F. H. M. DUMMER, M.B., Ch.B., D.P.H., M.F.C.M.



BOROUGH OF MAIDSTONE

ANNUAL REPORT

for 1972

by the

MEDICAL OFFICER OF HEALTH

THE PUBLIC HEALTH COMMITTEE

(1972 - 1973)

CHAIRMAN: Councillor S. R. C. Martin

VICE-CHAIRMAN: Councillor R. S. Payne

MEMBERS:

Alderman Mrs. A. M. Cameron

Alderman H. E. Munn, M.M.

Alderman E. H. Rogers

Councillor D. Bettridge

Councillor G. M. L. Hammond

Councillor C. W. McKenna

Councillor Mrs. L. E. V. Roscow

Councillor A. F. Spencer

Councillor J. Wood

PUBLIC HEALTH OFFICERS OF THE MAIDSTONE CORPORATION

MEDICAL OFFICER OF HEALTH: F. H. M. Dummer, M.B., Ch.B., D.P.H., M.F.C.M.

DEPUTY MEDICAL OFFICER OF HEALTH: J. T. Cecil, M.B., B.S., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR: A. H. Basford, D.P.A. (1, 2, 3 and 4)

DEPUTY CHIEF PUBLIC HEALTH
INSPECTOR: R. A. R. Key (1, 2 and 3)

ADDITIONAL PUBLIC HEALTH
INSPECTORS: J. Arnold (1, 2 and 3)
F. H. Piggott (1, 2 and 3)
B. Hardy (1, 2 and 3)
R. J. Smith (5)
(Resigned 17.9.72)
A. E. Macey (5)
(Appointed 5.12.72)

CLERKS:

M.O.H. Office: Medical Officer's Secretary - Miss H. Wood
(Resigned 31.5.72)
Miss A. Humphrey
(Appointed 1.6.72)

Public Health Inspector's Office - L. Acott
Miss J. G. Smith
Miss D. M. French
Mrs. J. A. Cousens
Mrs. D. J. A. Howard

- Key:
1. Certificate of Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board.
 2. Meat and Other Foods Inspection Certificate of the Royal Society of Health.
 3. Smoke Inspector's Certificate of the Royal Society of Health.
 4. Sanitary Science Certificate of the Royal Society of Health.
 5. Diploma of the Public Health Inspectors' Education Board.

BOROUGH OF MAIDSTONE

Telephone:
Maidstone 54072

Health Department,
13 Tonbridge Road,
Maidstone.

19th June, 1973

To the Worshipful the Mayor, Aldermen and Councillors
of the Borough of Maidstone

Your Worship, Ladies and Gentlemen,

I have the honour to present my sixteenth Annual Report on
"The Health of Maidstone".

The year 1972 demonstrated the maintenance of the good health record of Maidstone. We had no outbreaks of serious disease, no abrupt changes in any of the indices of health and a steady continuation of the schemes of immunisation and vaccination.

The main causes of mortality, namely heart disease and cancer, remained in their relative positions as in former years. This year heart disease accounted for 30 per cent of all deaths and cancer for 20 per cent. We have still a long way to go before any major inroad can be made into the baffling problems presented by those killers.

The story of tuberculosis is a brighter one. Once again the incidence of new cases was low - 1 in 6,000 of the population, and the outlook here is very encouraging.

Again I am pleased to report that the response to the stationing of the Mass Radiography Unit at the Bridge Car Park on Tuesdays, has been very good indeed. During the year 8,523 people attended for X-rays, and of this total no fewer than 1,267 had been referred by general practitioners. I see this unit as a valuable adjunct to our practice of preventive medicine and I hope it will remain a permanent feature of it.

As in the past, I am indebted to many people for their co-operation in the preparation of this Report, and I am particularly grateful to those who are not employed by Local Authorities but who have willingly given the information asked for in order to complete the picture of any particular aspect of public health.

I am glad to acknowledge the reports or statistics supplied to me by Dr. A. Elliott, County Medical Officer; Dr. A. P. Bentley, the Consultant Chest Physician; Dr. A. L. Furniss, Director of the Public Health Laboratory at Preston Hall; Mr. B. E. Coleman, Divisional Engineer of the Mid Kent Water Company, and the general practitioners and hospital staffs in the town.

My thanks are also due to Mr. A. H. Basford, the Chief Public Health Inspector, for his account of some of the environmental services referred to in this Report; to Mr. R. Orrell, the Borough Engineer; and to Mr. C. G. Boyce, the Housing Manager.

I am glad also to record my appreciation of the help and encouragement of the Chairman and Members of the Health Committee and of the Council.

May I also thank my Secretary, Miss Angela Humphrey, for her work on this Report and for her loyal co-operation in the difficult task of taking over a new post.

I have the Honour to be,

Your Worship, Ladies and Gentlemen,

Your obedient Servant,

Z. H. Dummer.

Medical Officer of Health.



VITAL STATISTICS 1972

AREA 6,194 acres

ESTIMATED RESIDENT POPULATION 72,000

SUM REPRESENTED BY PENNY RATE £35,500
--

Population - Census 1971	70,918
Number of inhabited houses (end of 1972)	23,610
Rateable Value	£3,637.613

	<u>Male</u>	<u>Female</u>	<u>Total</u>
LIVE BIRTHS	588	566	1,154
Live Birth Rate per 1,000 population, crude	-		16.0
corrected -			15.5

ILLEGITIMATE LIVE BIRTHS (Per cent of total live births)	6.5
--	-----

STILL BIRTHS	7	14	21
Still birth rate per 1,000 live and still births			18
Total live and still births ..	595	580	1,175

INFANT DEATHS (deaths under 1 year)	6	6	12
Total infant deaths per 1,000 total live births			10
Legitimate infant deaths per 1,000 legitimate live births			10
Illegitimate infant deaths per 1,000 illegitimate live births			13

NEO-NATAL MORTALITY RATE (per 1,000 total live births)	6
EARLY NEO-NATAL MORTALITY RATE (per 1,000 total live births)	4
PERINATAL MORTALITY RATE (per 1,000 live and still births)	22

MATERNAL DEATHS (including abortion)	Nil
Maternal mortality rate (per 1,000 live and still births)	Nil

	<u>Male</u>	<u>Female</u>	<u>Total</u>
DEATHS	454	399	853
Death rate per 1,000 population, crude	-		11.8
corrected -			11.6

DEATH RATE FOR ENGLAND AND WALES	12.1
--	------

THE NOTIFIABLE DISEASES IN 1972

SCARLET FEVER
39 cases

The incidence of this disease fell in 1972 from 48 cases the previous year. The disease continued to be mild in nature and created no problems.

WHOOPING COUGH
Nil

No case of whooping cough occurred last year - the first time that I have ever presented a "Nil return" for this disease.

MEASLES
103 cases

Despite the availability of vaccine there were only slightly fewer cases of measles than in 1971 - a disappointing result and one from which little prediction can be made.

DIPHTHERIA
Nil

This is the twenty-second year in succession in which there has been no case of diphtheria - a healthy state of affairs which can only be maintained by a community level of immunisation.

SMALLPOX
Nil

No cases of smallpox were notified during the year.

POLIOMYELITIS
Nil

This is the fifteenth year in succession during which no notification of poliomyelitis was received. Here again the level of freedom from disease throughout the town can only be maintained by the persistent maintenance of immunisation.

DYSENTERY
6 cases

This disease was generally of a mild nature and the cases widely scattered without a common factor.

FOOD POISONING
4 cases

None of the incidents was serious and in none was there a secondary infected case. All recovered quickly.

OPHTHALMIA NEONATORUM
Nil

For the fifth year in succession no cases of this disease were notified. The disease is now becoming quite rare in this country.

ENTERIC FEVER
Nil

No cases of typhoid or paratyphoid fever were notified.

INFECTIVE JAUNDICE
7 cases

A slight decrease occurred in the incidence of notification. We are still somewhat uncertain of the mode of spread of this disease, which can be quite debilitating in its more active forms.

THE PUBLIC HEALTH (INFECTIOUS DISEASES) REGULATIONS, 1953

It was not found necessary during 1972 to issue any Notices under the above Regulations to control the spread of infection through the handling of food.

NATIONAL ASSISTANCE ACTS, 1948 and 1951

During 1972 it was not found necessary to apply for a Magistrate's Order under the above Acts.

ANALYSIS OF CASES OF NOTIFIABLE DISEASE UNDER AGE GROUPS

	Under 1 year	1 - year	2 - years	3 - years	4 - years	5 - 9 years	10 - 14 years	15 - 24 years	25 - over	TOTAL ALL AGES
Scarlet fever	-	1	3	4	3	22	3	2	1	39
Whooping cough	-	-	-	-	-	-	-	-	-	-
Measles	4	10	8	19	10	49	2	-	1	103
Poliomyelitis	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Smallpox	-	-	-	-	-	-	-	-	-	-
Meningococcal infection	-	-	-	-	-	-	-	-	-	-
Dysentery	2	-	-	-	1	-	-	-	3	6
Ophthalmia neonatorum	-	-	-	-	-	-	-	-	-	-
Typhoid fever	-	-	-	-	-	-	-	-	-	-
Food poisoning	-	-	1	-	-	-	-	1	2	4
Encephalitis	-	-	-	-	-	-	-	-	-	-
Infective jaundice	-	-	-	-	-	-	-	1	6	7
Malaria	-	-	-	-	-	-	-	-	-	-
TOTALS	6	11	12	23	14	71	5	4	13	159

IMMUNISATION AND VACCINATION

The following tables show figures for 1972 based on the return sent to the Department of Health and Social Security by the County Medical Officer.

Year of Birth	Primary					
	Triple Antigen	Diph./ Tet.	Tetanus	Measles	Polio-myelitis	Rubella
1972	8	1		1	10	
1971	753	9		328	753	
1970	203	14		292	292	
1969	23	2	1	64	26	
1968	2	5		32	1	
1967	1	1		26		
1965-1966				10		
1956-1964		1	35	4		1,027
TOTAL	990	33	36	757	1,082	1,027

Year of Birth	Re-Inforcing			
	Triple Antigen	Diph./ Tet.	Tetanus	Polio-myelitis
1972				
1971				
1970		3		
1969		1	1	
1968	11	78	2	101
1967	129	523		629
1965-1966	23	63	7	47
1956-1964	6	28	656	817
TOTAL	169	696	666	1,594

Vaccination and Immunisation (continued)

The figures for immunisation and vaccination continue to be maintained at a reasonably high level. The number of children protected against poliomyelitis and rubella has increased this year and the re-inforcing programme has met with a far greater response than in former years.

These statistics are very encouraging because it is only by maintaining, year by year, the immunity level can we hope to ward off the ravages of the more serious infectious diseases.

STAFF

Influenza Vaccination and Medical Examinations

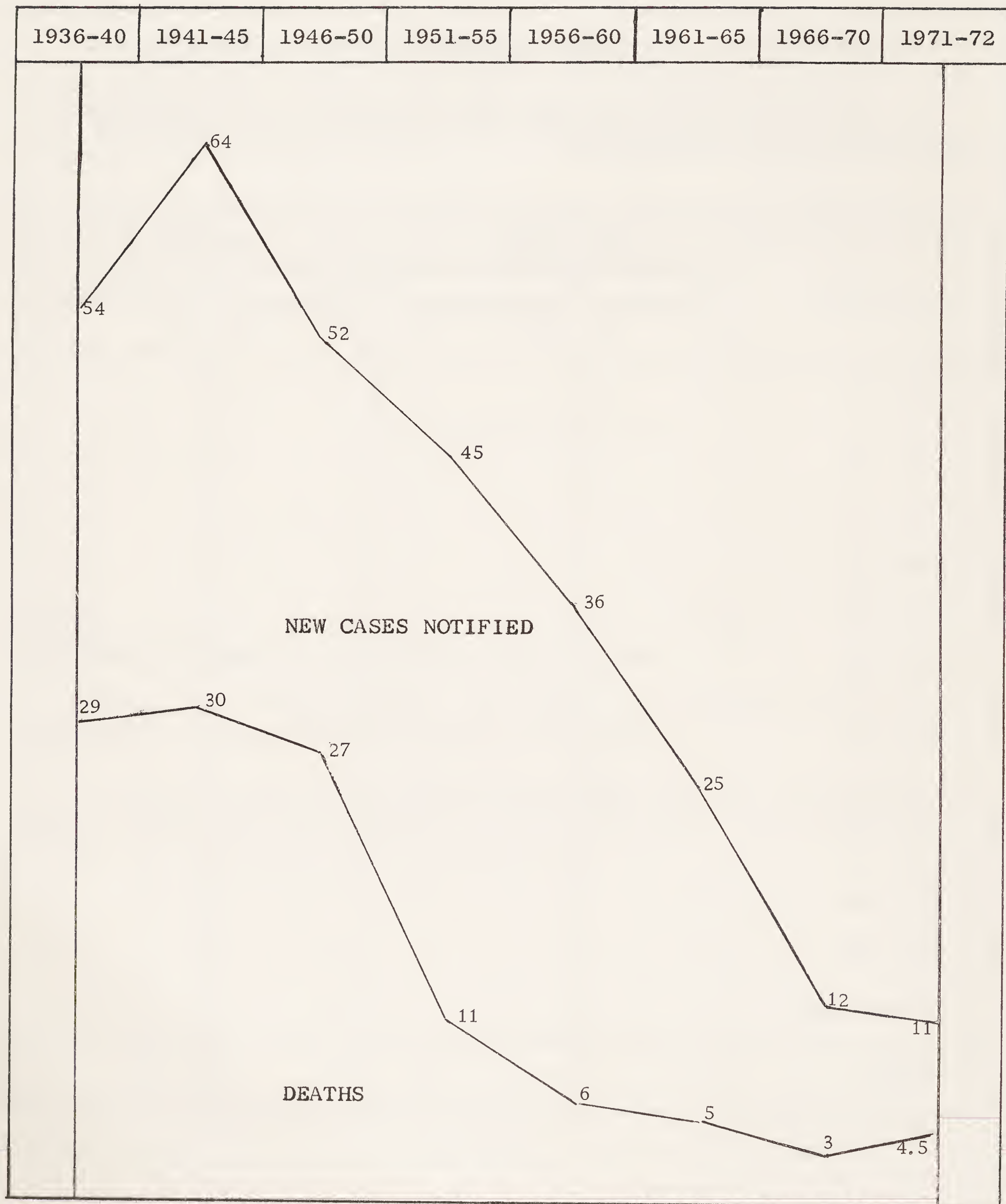
During the Autumn of 1972, 212 members of the staff, from all departments, were vaccinated against influenza.

A total of 422 medical examinations were carried out during the year in respect of new employees, admissions to the Superannuation Scheme, and staff requiring medical review.

TUBERCULOSIS1972 Statistics

In 1972 there were 2 more new cases notified than in 1971 and 5 more deaths from tuberculosis.

AGE GROUPS	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
0 - 1	-	-	-	-	-	-	-	-
2 - 4	-	-	-	-	-	-	-	-
5 - 9	-	-	-	-	-	-	-	-
10 - 14	-	-	-	-	-	-	-	-
15 - 19	2	-	-	-	-	-	-	-
20 - 24	1	1	-	-	-	-	-	-
25 - 34	-	-	-	-	-	-	-	-
35 - 44	1	2	-	1	-	-	-	-
45 - 54	-	-	-	-	-	-	-	1
55 - 64	3	-	-	1	1	-	-	-
65 - 74	-	-	-	-	2	-	-	1
75 and over	-	-	-	-	2	-	-	-
TOTALS	7	3	-	2	5	-	-	2

PULMONARY TUBERCULOSISQuinquennial Deaths and New Cases Notified

Averages calculated to whole numbers

THE WORK OF THE CHEST CLINIC AND THE
VOLUNTARY CARE COMMITTEE FOR TUBERCULOSIS AND CHEST DISEASES

I am indebted to the Consultant Chest Physician, Dr. A. P. Bentley, for the following account of the work of the Chest Clinic and the Voluntary Care Committee for tuberculosis and chest diseases.

Examination of "Contacts" to Tuberculosis

The following figures refer to the combined districts of Maidstone Borough and the Rural Districts of Hollingbourn, Maidstone and Malling:-

- | | |
|---|-----|
| 1. Number of contacts, seen during 1972, of newly notified cases of tuberculosis | 198 |
| 2. Number of contacts, seen during 1972, of cases notified prior to 1972 | 143 |
| 3. Number of contacts in (1) found to be suffering from pulmonary or non-pulmonary tuberculosis : | - |
| 4. Number of contacts in (2) found to be suffering from pulmonary or non-pulmonary tuberculosis | 1 |

THE WORK OF THE CHEST CLINIC

Dr. A. P. Bentley remains in charge of the Chest Clinic and Dr. G. M. Lewis, Consultant Chest Physician, has now joined the staff. Dr. C. Gwyn-Jones remains on the staff as Clinical Assistant.

The following table gives a general survey of the work of the clinic:-

<u>Date</u>	<u>X-Ray Attendances</u>	<u>New Patients</u>	<u>New & Old Attendances</u>	<u>Clinic Sessions</u>	<u>Number on T.B. Register</u>
31.12.53	8,826	2,000	7,049	250	1,222
31.12.61	9,966	4,275	8,357	244	1,077
31.12.68	5,524	3,658	5,759	245	655
31.12.70	5,704	3,370	5,257	250	614
31.12.71	4,610	3,314	4,802	230	591
31.12.72	5,018	3,128	5,106	249	556

Tuberculosis

The total number of patients on the Tuberculosis Notification Register for the Borough of Maidstone on the 31st December, 1972 was 176. This figure added to those of the three Rural Districts gives a total of 556 for the Maidstone & District Area served by the Chest Clinic. During 1972, 46 patients were recovered and 31 new cases were found. Cases "transferred-out" from the area were 12 and 8 were "transferred-in". There were 16 deaths. 309 contacts to tuberculosis have been examined and of these 102 were given B.C.G. vaccination. 4 contacts who gave a strongly positive reaction to the tuberculin skin test were given chemoprophylaxis. 315 tuberculin positive reactors under the School-leaver B.C.G. Scheme were called to the clinic for X-ray examination.

Although the total number of patients on the Tuberculosis Register has again fallen due to the erasure of those who have recovered, the number of new patients remains constant.

Mass Radiography Service

During the year 116 persons examined by the Mass Radiography Service were referred to the Chest Clinic for further investigation. Tuberculosis is still revealed in this way. It is also an important contribution to the diagnosis of treatable carcinoma.

The results are as follows:-

Pulmonary Tuberculosis			
Notified cases	6	Hiatus Hernia	1
Inactive Tuberculosis	18	Thyrotoxicosis	1
Carcinoma	13	Pulmonary Embolus	4
Sarcoidosis	4	Pleurisy	1
Chronic Bronchitis and Emphysema	24	Pneumoconiosis	1
Bronchiectasis	4	Pneumonitis	1
Pneumonia	15	No abnormality detected	8
Pulmonary Fibrosis	2	Miscellaneous	11
Heart Failure	2		

Non-tuberculous Diseases of the Chest

With the rise of population the work of the Chest Clinic with non-tuberculous diseases of the chest continues to grow. Asthma and other allergic conditions of the lungs are being increasingly treated.

Of 67 sufferers from malignant conditions it is noticeable that 55 were in men and only 12 in women, a reflection of the difference in smoking habits.

<u>Sarcoidosis</u>	60	<u>Other Lung Diseases:</u>	
<u>Sarcoma</u>	1	Pneumonia & Pneumonitis	85
<u>Carcinoma</u>	67	Pleurisy & Pleural Effusion	17
<u>Bronchial Illnesses</u>		Spontaneous Pneumothorax	7
Bronchitis	273	Pulmonary Fibrosis	27
Chronic Bronchitis	151	Fibrosing Alveolitis	19
Chronic Bronchitis)	263	Pneumoconiosis	3
& Emphysema)		Pulmonary Embolus & Infarction	20
Bronchitis & Asthma	64	<u>Thyroid Disease</u>	5
Asthma	218		
Bronchiectasis	86		
		<u>No Abnormality Detected</u>	55
Total	1,055		
<u>Cardio-Vascular System:</u>		<u>Miscellaneous & Other</u>	
Cor Pulmonale & Heart		<u>Examinations</u>	344
Failure	46		
Hypertension	73		
Other Heart Diseases	11		

Attendances of Non-tuberculous patients: The figures refer to one attendance, although many of these patients attended on more than one occasion.

The Voluntary Care Committee

We are very grateful for the help of this Committee which continues its active work in support of patients with tuberculosis and other chest diseases, and their families. Their work is an important contribution to the recovery of many sufferers from chest illnesses.

CANCER

Once again I have to report an increase in the yearly total of cancer deaths, from 167 in 1971 to 178 in 1972. The main increase is in cancer of the uterus (3 in 1971), cancer of the prostate (5 in 1971), cancer of the intestine (17 in 1971) and cancer of the lung (44 in 1971). The incidence of cancer of the breast diminished from 30 in 1971 to 20 in 1972. The "invasion" into the younger age groups continued, although the main burden is borne by those over 55 years of age.

Once again I would recommend the services of cervical smear investigation, as a worthwhile measure in the prevention of uterine cancer.

(i) The number of deaths from cancer in the past ten years

1963	..	..	..	108
1964	..	..	..	121
1965	..	..	..	126
1966	..	..	..	145
1967	..	..	..	133
1968	..	..	..	142
1969	..	..	..	139
1970	..	..	..	161
1971	..	..	..	167
1972	..	..	..	178

CANCER (continued)

(ii) The age groups of deaths recorded from this cause in 1972

Age Periods	Male	Female
0 - 14	-	1
15 - 24	-	-
25 - 34	1	1
35 - 44	2	6
45 - 54	7	11
55 - 64	22	18
65 - 74	37	22
75 and over	27	23
Totals	96	82

(iii) The distribution of cancer according to sites in 1972

Site	Male	Female
Cancer of Buccal Cavity	-	2
Cancer of Oesophagus	1	3
Cancer of Stomach	7	7
Cancer of Intestine	14	8
Cancer of Lung, Bronchus	41	8
Cancer of Breast	-	20
Cancer of Uterus	-	12
Cancer of Prostate	12	-
Leukaemia	3	1
Other Sites	18	21
Totals	96	82

INFANTILE MORTALITY

The number of infants under 12 months who died in 1972 increased to 12, compared with 8 in 1971. This increase was largely, if not wholly, due to conditions which were unavoidable, e.g. congenital causes. Two-thirds died in the first month of life, and none lived as long as nine months.

The infantile mortality rate in 1971 was the lowest recorded for Maidstone and although that for 1972 is higher, it is still substantially less than the average infantile mortality for England and Wales - 10 for Maidstone compared with 17 for the country as a whole.

CAUSE OF DEATH	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total under 1 year
Congenital Diseases	3	-	1	-	4	-	-	-	-	4
Birth Injury	1	-	-	-	1	-	-	-	-	1
Respiratory Insufficiency	1	-	-	-	1	-	-	-	-	1
Gross Abnormality	1	-	-	-	1	-	-	-	-	1
Prematurity	-	1	-	-	1	-	-	-	-	1
Misadventure	-	-	-	-	-	-	1	-	-	1
Respiratory Disease	-	-	-	-	-	1	1	1	-	3
TOTALS	6	1	1	-	8	1	2	1	-	12

INFANTILE MORTALITY (continued)Rates per 1,000 Live Births

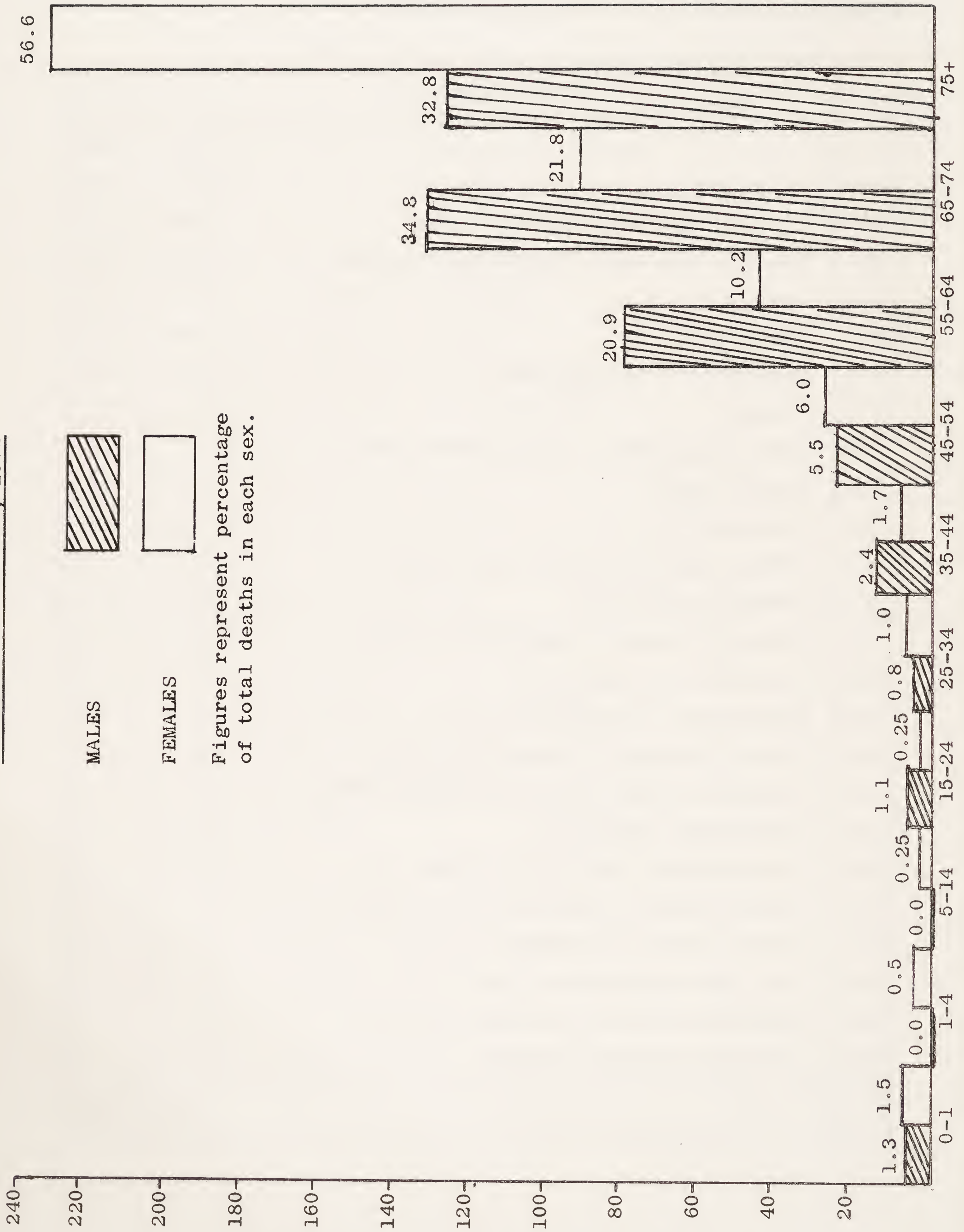
CAUSES OF DEATH

	CONDITION	M.	F.
1.	Enteritis and other diarrhoeal diseases	1	-
2.	Syphilis and its sequelae	1	-
3.	Other infective and parasitic diseases	1	-
4.	Malignant neoplasm, buccal cavity etc.	-	2
5.	Malignant neoplasm, oesophagus	1	3
6.	Malignant neoplasm, stomach	7	7
7.	Malignant neoplasm, intestine	14	8
8.	Malignant neoplasm, lung, bronchus	41	8
9.	Malignant neoplasm, breast	-	20
10.	Malignant neoplasm, uterus	-	12
11.	Malignant neoplasm, prostate	12	-
12.	Leukaemia	3	1
13.	Other malignant neoplasms	18	21
14.	Benign and unspecified neoplasms	1	-
15.	Diabetes mellitus	5	2
16.	Other endocrine etc. diseases	1	4
17.	Anaemias	1	-
18.	Other diseases of blood, etc.	1	-
19.	Mental disorders	2	-
20.	Meningitis	-	1
21.	Multiple sclerosis	-	2
22.	Other diseases of nervous system	2	1
23.	Chronic rheumatic heart disease	4	2
24.	Hypertensive disease	3	4
25.	Ischaemic heart disease	132	80
		251	178

CAUSES OF DEATH (continued)

	CONDITION	M.	F.
		251	178
26.	Other forms of heart disease	14	16
27.	Cerebrovascular disease	61	74
28.	Other diseases of circulatory system	24	18
29.	Influenza	2	3
30.	Pneumonia	34	61
31.	Bronchitis and emphysema	37	12
32.	Asthma	-	1
33.	Other diseases of respiratory system	2	4
34.	Peptic ulcer	-	1
35.	Appendicitis	2	-
36.	Intestinal obstruction and hernia	1	1
37.	Cirrhosis of liver	1	2
38.	Other diseases of digestive system	2	4
39.	Nephritis and nephrosis	2	1
40.	Hyperplasia of prostate	3	-
41.	Other diseases of the genito-urinary system	2	7
42.	Diseases of the musculo-skeletal system	-	1
43.	Congenital anomalies	1	4
44.	Birth injury, difficult labour, etc.	1	-
45.	Other causes of perinatal mortality	2	-
46.	Motor vehicle accidents	3	2
47.	All other accidents	3	5
48.	Suicide and self-inflicted injuries	5	3
49.	All other external causes	1	1
		454	399

DEATHS IN AGE GROUPS, 1972



CARE OF THE ELDERLYThe Wardens Service

The present Visiting Wardens for the Care of the Elderly are listed below:

Shepway Estate (except Willington St.)	)	Mr. & Mrs. F. A. Moyes,
Mote Estate; Foster Clark Estate;	)	37 Nottingham Avenue,
Coombe Estate; St. Stephen's Square;	)	Shepway Estate.
College Court; Elizabeth Close;	)	Telephone: Maidstone 51289
Hawley Court.)	
Park Wood Estate;	)	Mr. & Mrs. H. Brooks,
Shepway Estate (Willington St. only)	)	135 Bicknor Road,
Senacre Estate;	)	Park Wood Estate.
Mangravet Estate.	)	Telephone: Maidstone 56588
Ringlestone Estate;	)	Mrs. D. Ingram,
Boxley Road;	)	1 Stanhope Close,
Wheeler Street;	)	Ringlestone Estate.
James Street.	)	Telephone: Maidstone 55886
Beaumont Road;	)	Mrs. C. Manning,
Cherry Orchard Estate;	)	2 Fernhill Road,
Gatland Estate; Tonbridge Road;	)	Gatland Estate.
Fant and Clare Park Estates	)	Telephone: Maidstone 27891
Relief Visiting Warden	-	Mrs. M. Lewis,
		13a Telford House,
		Boxley Road.
		Telephone: Maidstone 64017

I am indebted to Mr. C. G. Boyce, the Housing Manager, for the following account of the administration of the Warden Service.

The Wardens still continue to carry out their duties in a dedicated manner, thereby maintaining a high degree of success with the Visiting Service as a whole. During the year they have carried out an approximate total of 14,000 visits, apart from the numerous journeys required for the collection of aids and pensions etc. on behalf of these elderly residents in need of such during periods of illness etc.

Close liaison is still maintained with the statutory and voluntary organisations and also other charitable organisations from which a number of the elderly have benefited, particularly during the holiday and festive seasons.

WATER SUPPLIES

On 1st January, 1971 the Maidstone Waterworks Company was amalgamated with the Mid Kent Water Company and this latter body is now responsible for the supply of water to the area.

Sizes and Lengths of Mains laid within the
Borough of Maidstone during 1972

Location	Diameter								Purpose
	75mm	100mm	150mm	200mm	225mm	250mm	300mm	400mm	
Allington Park		147							Housing
Woodcut Development	198								Housing
Hermitage Lane/ London Road	37				29		5	154	Trunk Main
Oldborough Park		336							Housing
Tovil Green Estate	117	35							Housing
Vinters Park - Phase VII	228	347	166						Housing
Clement Court		91							Housing
Queen's Avenue	81								Housing
Tonbridge Road	46								Housing
Penenden Heath	42								Housing
St. Luke's Avenue	72								Housing
Carisbrooke Drive	68								Housing
Vinters Park - Phase VIII	18		18						Housing
Hayle Estate	123	437	1040						Housing
Parkwood Industrial			174						Industry
Loose Reservoir to Parkwood				35			445		Trunk Main
Courage & Barclay, Parkwood			48	5					Service Main
Total Metres	1030	1393	1446	40	29	-	450	154	

WATER SUPPLIES (continued)

Chemical analyses and bacteriological examinations of the water are carried out regularly, some by the Mid Kent Water Company's own Analyst, and some by the Public Health Laboratory. The results of examinations of the public supply are consistently satisfactory, showing the water to be of a high standard.

The following is a typical result of the chemical analysis of water.

<u>Chemical Analysis</u> (Parts per Million)				
Ammoniacal Nitrogen (N)	..	..		0.004
Albuminoid Nitrogen (N)	..	..		0.050
Nitrate Nitrogen (N)	..	..		7.0
Nitrite Nitrogen (N)	..	..		Absent
Oxygen Absorbed (3 hrs. at 27°C.)	..			0.00
Alkalinity (as CaCO ₃)	..	..		234
Total Hardness (as CaCO ₃)		..		281
Carbonate Hardness (as CaCO ₃)		..		234
Non-Carbonate Hardness (as CaCO ₃)	..			47
Total Solids (dried at 180°C.)		..		412
pH	..	..	..	7.67
Free CO ₂	..	..	..	9
Chloride (Cl)	..	..	..	28
Sulphate (SO ₄)	..	..	..	31
Calcium (Ca)	..	..	270 (as CaCO ₃)	
Magnesium (Mg)	..	..	11 (as CaCO ₃)	
Iron (Fe)	..	..	..	0.00
Manganese (Mn)	..	..	..	0.00
Silica (Si O ₂)	..	..	..	11
Phosphate (PO ₄)	..	..	..	0.00
Conductivity (μ mho)	..	..		655
Residual Chlorine	..	..		-

WATER SAMPLES

During 1972 the following samples were examined in the Laboratory of the Mid Kent Water Company.

Source	Bacteriological	Chemical
From Consumer's Taps	42	9
From Pumping Stations		
Raw:	422	52
Treated:	277	43

All samples were satisfactory.

In addition to the above, regular sampling is undertaken at the Public Swimming Baths and 43 samples were taken during the year, of which only 3 were unsatisfactory.

The water supply in Maidstone is not liable to plumbo-solvent action and the natural fluoride is 0.08 parts per million.

There are now no houses served by standpipes or private water supplies, and therefore the whole population, 72,000, is served by the statutory supply undertaking.

SEWERAGEExtensions to Public Soil and Surface Water Sewers 19721. Soil Sewers(a) Senacre Wood Housing Estate

344 metres at 225 mm. diameter, to serve Phases III and IV of the Council's housing development.

(b) Park Wood Industrial Estate

(i) 146 metres at 225 mm. diameter, to serve Extension III of the Council's development.

(ii) 467 metres at 225 mm. diameter, to serve Extension IV of the Council's development.

(c) Adoption upon completion of Private Street Works and Private Estate Developments

(i) Granville Road, 52 metres at 225 mm. diameter.

(ii) Allington Farm Estate, 865 metres at 225 mm. diameter, pumping station complete and rising main, 375 metres at 100 mm. diameter.

(iii) Carisbrooke Drive, 131 metres at 225 mm. diameter.

(iv) Stanford Drive, 30 metres at 225 mm. diameter.

(d) Tovil Sewerage Scheme - comprising approximately 900 metres of main sewer renewal to improve drainage facilities in the Tovil area. This work was commenced in 1972.

(e) Fant Lane Sewer Renewal - This scheme, involving the renewal of approximately 500 metres of defective sewer, was completed during the year.

2. Surface-Water Sewers(a) Senacre Wood Housing Estate

134 metres at 300 mm. diameter,

180 metres at 225 mm. diameter,

43 metres at 150 mm. diameter, to serve Phases III and IV of the Council's housing development and the County Council's Senacre Wood Primary School site.

SEWERAGE (continued)(b) Park Wood Industrial Estate

(i) 768 metres at 750 mm. diameter,
8 metres at 450 mm. diameter, to serve Extension III
of the Council's development (outside Borough).

(ii) 46 metres at 225 mm. diameter,
9 metres at 375 mm. diameter,
8 metres at 450 mm. diameter,
128 metres at 600 mm. diameter, to serve Extension IV of
the Council's development (outside Borough).

(c) Adoption upon completion of Private Street Works and Private Estate Developments

(i) Granville Road, 52 metres at 225 mm. diameter.

(ii) Becksbourne Close, 55 metres at 225 mm. diameter, within
Phase II development of Sandling Lane Estate.

3. Sewage Disposal Works

Extension and pre-treatment works at the Allington Pumping Station and extensions at the Aylesford Sewage Treatment Works were commenced at the end of the year, the estimated cost of the works being £1 million and £1.6 million respectively.

It is anticipated that these will be completed in 1974.

FOOD AND FOOD HYGIENE

1. NUMBER OF FOOD PREMISES IN THE BOROUGH 537

<u>Class</u>	<u>No.</u>	<u>Food Hygiene (General) Regulations, 1960</u>		
		Fitted to comply with Regulation 16	To which Regulation 19 applies	Fitted to comply with Regulation 19
Restaurants and Cafes	55	55	55	55
Hotels	8	8	8	8
School Canteens	18	18	18	18
Public Houses	76	76	76	76
<u>Food Shops</u>				
Butchers	49	49	49	49
Fruit & Greengrocers	109	109	109	109
Bakers	20	20	20	20
Fishmongers	9	9	9	9
Fried Fish Shops	12	12	12	12
Grocers and Provision Merchants	128	128	128	128
Tobacconists and Confectioners	32	32	32	32
Others	21	21	21	21

Where more than one food business is carried on in any premises only those businesses which form a substantial proportion of the trade on the premises are classified above.

2. FOOD PREMISES BY TYPE REGISTERED WITH THE LOCAL AUTHORITY
UNDER SECTION 16 OF THE FOOD & DRUGS ACT 1955, LOCAL BYELAWS
AND THE MILK AND DAIRIES (GENERAL) REGULATIONS 1959.

Ice-cream manufacturers	..	..	..	..	..	4
Ice-cream sellers	..	..	..	..	..	247
Preserved foods manufacturers	..	..	..	..	..	28
Margarine, margarine cheese and milk blended butter (wholesale dealers)	..	..	..	..	..	1
Artificial cream dealers	..	..	..	..	..	1
Dairies	..	..	..	..	..	1
Milk Distributors (Sterilised Milk 44)	..	..	..	..	..	80

3. NUMBER OF INSPECTIONS OF REGISTERED FOOD PREMISES .. 612

FOOD AND DRUGS

During 1972 the following samples of food and drugs were taken for analysis and the results are recorded below.

Article	Number of Samples obtained	Number Genuine
Milk	64	64
School milk	7	7
Milk for M.A.F.F. ..	168	159 (9 void)
Sterilised milk	1	1
Double cream	1	1
Evaporated milk	1	1
Ice-cream	5	5
Ostermilk No. 1. ..	1	1
Cheshire cheese	1	1
Edam cheese	1	1
Bread	1	0
Shortcake	1	1
Sponge mix	1	1
Castor sugar	1	1
Icing sugar	1	1
Ground almonds	1	1
Sultanas	1	1
Cochineal	1	1
Mixed spice	1	1
Vanilla	1	1
Cooking oil	1	1
Beef sausages	5	4
Pork sausages	10	10
Chon mein with beef ..	1	1
Take-away-meal	1	0
Beef suet	1	1
Minced beef	1	1
Minced steak	1	1
Pork goulash	1	1
Steak and kidney pie ..	1	1
Chopped ham with pork ..	1	1
c/fwd	284	272

FOOD AND DRUGS (continued)

Article		Number of Samples obtained	Number Genuine
	b/fwd	284	272
Black pudding ..	..	1	1
Brawn ..	..	1	1
Italian salami ..	..	1	1
Haslet ..	..	1	1
Liver and bacon pate ..	..	1	1
Pork luncheon meat ..	..	1	1
Tuna fish ..	..	2	2
Carrots - ready to serve		1	1
Carrots - canned ..	..	1	1
Baked beans ..	..	1	1
Garden peas - canned ..	..	1	1
Soup ..	..	1	1
Dry ginger ale ..	..	1	1
Limeade and lager ..	..	1	1
Orange drink ..	..	1	1
Shandy ..	..	1	1
Instant coffee ..	..	1	1
Tea ..	..	1	1
Mixed nuts and raisins ..	..	1	1
Nuts and raisins ..	..	1	1
Salt and vinegar chips ..	..	1	1
Sweets ..	..	6	6
Alophen pills ..	..	1	1
Codis tablets ..	..	1	1
Ferraplex B tablets ..	..	1	1
Veganin tablets ..	..	1	1
Victory V lozenges ..	..	1	1
		317	305

FOOD AND DRUGS (continued)

During 1972 foods of various descriptions, in the following quantities were found to be unfit for human consumption. This unfit food, which in every case was surrendered, included the following:-

Meat, fresh	..	..	..	..	2,312 lbs.
Meat, tinned	..	..	..	..	130 lbs.
Pork, tinned	..	..	..	..	53 lbs.
Ham, tinned	..	..	..	..	30 lbs.
Bacon	..	..	..	..	64 lbs.
Sausages	..	..	..	..	272 lbs.
Fats	..	..	..	..	42 lbs.
Cheese	..	..	..	..	28 lbs.
Jams and Marmalade		..	..	..	666 lbs.
Sugar	..	..	..	..	92 lbs.
Flour	..	..	..	..	34 lbs.
Dried Fruit	..	..	..	..	10 lbs.
Salt	..	..	..	..	131 lbs.
Fish (fresh)	..	..	..	..	469 lbs.
Fish, tinned	..	..	..	..	219 tins
Fruit, tinned	..	..	..	..	2,918 tins
Fruit juices, tinned		..	..	..	294 tins
Vegetables, tinned		..	..	..	4,260 tins
Tomatoes, tinned		..	..	..	433 tins
Baked Beans, tinned		..	..	..	175 tins
Milk, tinned	..	..	..	..	122 tins
Cream, tinned	..	..	..	..	78 tins
Rice, tinned	..	..	..	..	64 tins
Soups, tinned	..	..	..	..	101 tins

FOOD AND DRUGS (continued)Condemned Foods, (contd.)

Beverages, tinned	..	..	..	75 tins
Spaghetti, tinned	..	..	..	41 tins
Baby Foods, tinned	..	..	..	141 tins
Cake Mixes, packets	..	..	..	19 packets
Jellies, packets	..	..	..	6 packets
Cereals, packets	..	..	..	40 packets
Frozen Foods, packets	..	..	..	13,330 packets
Biscuits, packets	..	..	..	153 packets
Crisps, packets	..	..	..	48 packets
Sweets, packets	..	..	..	120 packets
Nuts, packets	..	..	..	28 packets
Pickles, jars	..	..	..	14 jars
Paste, jars	..	..	..	11 jars
Coffee and Tea, jars and packets			..	145 jars/ packets
Eggs, per dozen	..	..	..	80 dozen
Ice-cream, bricks	..	..	..	3,006 bricks
Drinks, bottles	..	..	..	299 bottles
Sauces, bottles	..	..	..	96 bottles
Mixed Peel and Cherries, cartons			..	22 cartons
Pies	..	..	..	149
Chicken and Turkey	..	..	..	64
Cakes	..	..	..	307

HOUSING STATISTICSI. INSPECTION OF DWELLING-HOUSES DURING THE YEAR

(1)(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	4,755
(b)	Number of inspections made for that purpose	9,109
(2)(a)	Number of dwelling-houses (included under sub-section (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932 ..	-
(b)	Number of inspections made for that purpose ..	-
(3)	Number of dwelling-houses found to be in a state so injurious to health as to be unfit for human habitation	7
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..	22

II. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	23
---	----

III. ACTION UNDER STATUTORY POWERS DURING THE YEARa. Proceedings under the Housing Act 1957

Number of dwelling-houses which were rendered fit after service of formal notices

(a) by owners	-
(b) by Local Authority in default of owners ..	-

b. Proceedings under Public Health Acts

(1)	Number of dwelling-houses in respect of which Notices were served requiring defects to be remedied ..	65
-----	---	----

HOUSING STATISTICS (continued)

(2)	Number of dwelling-houses in which defects were remedied after service of formal notice -				
(a)	by owners .. .. .	..	..	..	1
(b)	by Local Authority in default of owners				-
c.	<u>Proceedings under the Housing Act, 1957</u>				
(1)	Number of dwelling-houses in respect of which Demolition Orders were made .. .. .	..	..	..	1
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders .. .. .	..	..	..	3
(3)	Number of separate tenements or underground rooms in respect of which Closing Orders were made ..			..	3
(4)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ..			..	-
IV.	<u>HOUSING ACT, 1936 - PART 4 - OVERCROWDING</u>				
(a)	Number of new cases of overcrowding reported during the year .. .. .	..	..	..	-
(b)(1)	Number of cases of overcrowding relieved during the year .. .. .	..	..	..	-
(2)	Number of persons concerned in such cases ..			..	-
(c)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority has taken steps for the abatement of overcrowding ..			..	-
V.	<u>RENT ACT, 1957</u>				
(1)	Certificates applied for .. .. .	..	..	..	-
(2)	Visits made .. .. .	..	..	..	-
(3)	Undertakings accepted .. .. .	..	..	..	-
(4)	Certificates of Disrepair granted .. .. .	..	..	..	-
(5)	Applications not accepted .. .. .	..	..	..	-

COUNCIL HOUSING STATISTICS

1(a)	Number of new properties handed over during 1972	..	72
(b)	Number of existing properties available for letting		185
2.	Families rehoused (including the number from condemned property)	.. .. ..	307
3.	Number of transfers	.. ..	221
4.	Number of mutual exchanges between tenants	..	109
5.	Housing applications at end of year	.. ..	1,789
6.	Number of families rehoused on condition that the Child Help Service was put into operation	..	Nil

NEW BUILDING

The following table shows the number of dwellings completed by the Council during 1972

Ward	O.P. Bungalows	O.P. Flatlets	Wardens Flat	Flats		Houses	Total Units
	1 Bed	Bed/Sit	2 Bed	1 Bed	Bed/Sit	2 Bed	
Heath	16	-	-	-	-	-	16
North Ringlestone	-	24	1	-	-	-	25
King Street	-	-	-	6	2	-	8
Park Wood (North)	2	-	-	-	-	16	18
Totals	18	24	1	6	2	16	67

In addition, 353 dwellings consisting of 285 houses and 68 flats, were erected during the year by private enterprise.

INSPECTIONS AND NOTICES

Bakehouse inspections	..	..	..	..	31
Chimneys repaired	..	..	..	..	5
Cement sinks removed and glazed provided			..	..	-
Cooking stoves renewed or repaired	..	..	..	..	-
Dairies and Milkshops inspected	..	..	..	..	161
Common Lodging House inspections	..	..	..	..	25
Coppers repaired	..	..	..	..	-
Drains, choked, cleansed by flushing staff			..	..	395
Drains, reconstructed	..	..	..	..	12
Drains, inspection chambers provided	..	..	..	..	-
Drains, stoneware pipes laid, feet	..	..	..	..	69
Dustbins provided	..	..	..	..	6
Factories, workplaces and Outworkers premises inspected			..	..	538
Grates renewed or repaired	..	..	..	..	-
Houses, floors to living-rooms provided or repaired			..	..	-
Houses, chuting or guttering repaired or renewed	..	..	..	..	2
Houses, roofs repaired	..	..	..	..	3
Houses, rooms where dirty or loose paper has been removed and walls and ceilings repaired and distempered			..	..	8
Houses, walls made dry by insertion of damp course or other method	..	..	..	..	6
Inquiries into cases of infectious disease			..	..	77
Inspection of houses on complaint or otherwise			..	..	5,202
Re-inspections	..	..	..	..	496
Miscellaneous defects remedied	..	..	..	..	15
Public Houses inspected	..	..	..	..	184
Restaurants and Cafes inspected	..	..	..	..	230
Schools inspected	..	..	..	..	8
Sinks or other wastepipes removed, disconnected or trapped			..	..	-
Sinks, new channels provided or repaired			..	..	-
W.C.'s walls and ceilings repaired	..	..	..	..	2
W.C.'s, new pans, traps and seats provided			..	..	-
Window frames repaired	..	..	..	..	3
Verminous rooms cleansed	..	..	..	..	-
Yard pavement repaired or provided in connection with houses					-
Preliminary Notices served	..	..	..	..	21
Statutory Notices served	..	..	..	..	1

(1) INSPECTION OF FACTORIES AND WORKPLACES - including inspections made by
Public Health Inspectors.

Premises (1)	Inspections (2)	Number of Written Notices (3)	Occupiers Prosecuted (4)
Factories with Mechanical Power ..	470	-	-
Factories without Mechanical Power ..	26	-	-
Other Premises ..	20	2	-
Total	516	2	-

(2) DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES

PARTICULARS (1)	Number of Defects			Number of Prosecutions (5)
	FOUND (2)	REMEDIED (3)	REFERRED TO H. M. INSPECTOR (4)	
Nuisances under the Factories Act, 1937 and the Public Health Act 1936				
Want of Cleanliness	-	-	-	-
Want of ventilation	-	-	-	-
Overcrowding	-	-	-	-
Want of drainage floors	-	-	-	-
Other nuisances	-	-	-	-
Sanitary Accommodation :				
Insufficient	-	-	1	-
Unsuitable or defects	3	3	-	-
Not separate for sexes	-	-	-	-
Offences under the Factories Act, 1937:				
Illegal occupation of underground bakehouse (s. 54)	-	-	-	-
Other offences (Excluding offences relating to outwork)	-	-	-	-
Total	3	3	1	-

FACTORIES

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF THE YEAR 1972 FOR THE BOROUGH OF MAIDSTONE IN THE COUNTY OF KENT

Prescribed Particulars on the Administration of
the Factories Act, 1961

PART I OF THE ACT

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4, & 6 are to be enforced by Local Authorities.	20	26	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	325	470	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	12	20	2	-
Total	357	516	2	-

2. Cases in which Defects were found.

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars (1)	Number of cases in which defects were found				No. of cases in which Prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H. M. Inspector (4)	By H. M. Inspector (5)	
Want of Cleanliness (S. 1) ..	-	-	-	-	-
Overcrowding (S. 2)	-	-	-	-	-
Unreasonable temperature (S. 3)	-	-	-	-	-
Inadequate Ventilation (S. 4)	-	-	-	-	-
Ineffective drainage of floors (S. 6)	-	-	-	-	-
Sanitary Conveniences (S. 7)					
(a) Insufficient	-	-	1	1	-
(b) Unsuitable or defective	3	3	-	3	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act, (not including offences relating to outwork)	-	-	-	-	-
Total	3	3	1	4	-

PART VIII OF THE ACT

Outwork

(Sections 133 and 134)

Nature of work (1)	Section 133			Section 134		
	No. of out-workers in August list required by Section 133(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing) Making apparel) etc.	3	-	-	-	-	-
) Cleaning	-	-	-	-	-	-
) and	-	-	-	-	-	-
) Washing	-	-	-	-	-	-
Household Linen	-	-	-	-	-	-
Lace, lace	-	-	-	-	-	-
curtains and nets	-	-	-	-	-	-
Curtains and furniture hangings	2	-	-	-	-	-
Furniture and upholstery	-	-	-	-	-	-
Electro-plate	-	-	-	-	-	-
File making	-	-	-	-	-	-
Brass and brass articles	-	-	-	-	-	-
Fur pulling	-	-	-	-	-	-
Iron and steel cables and chains	-	-	-	-	-	-
Iron and steel anchors and grapnels	-	-	-	-	-	-
Cart gear	-	-	-	-	-	-
Locks, latches and keys	-	-	-	-	-	-
Umbrellas, etc.	-	-	-	-	-	-

PART VIII OF THE ACT - Outwork - Cont'd

Nature of work (1)	Section 133			Section 134		
	No. of out-workers in August list required by section 133(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecu- tions for failure to supply lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prose- cutions (7)
Artificial flowers	4	-	-	-	-	-
Nets, other than wire nets	-	-	-	-	-	-
Tents	-	-	-	-	-	-
Sacks	-	-	-	-	-	-
Racquet and tennis balls	-	-	-	-	-	-
Paper bags	-	-	-	-	-	-
The making of boxes or other receptacles or parts thereof made wholly or partially of paper	-	-	-	-	-	-
Brush making	-	-	-	-	-	-
Pea Picking	-	-	-	-	-	-
Feather sorting	-	-	-	-	-	-
Carding etc. of buttons etc.	-	-	-	-	-	-
Stuffed toys	-	-	-	-	-	-
Basket making	-	-	-	-	-	-
Chocolates and sweetmeats	-	-	-	-	-	-
Casaques, Christmas stockings etc.	-	-	-	-	-	-
Textile weaving	-	-	-	-	-	-
Lampshades	-	-	-	-	-	-
Cutting and stitching footwear	1	-	-	-	-	-
Total	10	-	-	-	-	-

VERMINOUS DWELLINGS

During the year 1972, the following work in the eradication of bugs and other vermin was carried out.

(a) Council houses found to be infested	..	..	..	32
(b) Other houses found to be infested	..	..	..	20

Council houses disinfested:-

(a) By gassing	..	..	..	..	..	..	..	-
(b) By spraying and the burning of insecticides	..	..	..	..	..	..	..	32

Other houses disinfested:-

(a) By gassing	..	..	..	..	..	..	..	-
(b) By spraying and the burning of insecticides	..	..	..	..	..	..	..	20

PREMISES CONTROLLED BY BYELAWS

Common Lodging Houses	..	1
Dairies	..	1

Common Lodging Houses

During the year twenty-five inspections were made of 77 Upper Stone Street, which is now the only registered common lodging house in the town.

AIR POLLUTION

The period covered by this section of the report is from April 1971 to March 1972.

The measurement of air pollution in the Borough continued at the recording stations at Barming Reservoir; Chrysler U.K. Limited, Mill Street; and the Sports Pavilion, Penenden Heath.

The figures for undissolved solids continued to fall at all stations throughout the year, with the exception of the Town Centre where a slight increase was recorded over the winter period. The reason for this increase is not evident, but it is unlikely to indicate a permanent upward trend.

Ground level concentrations of sulphur dioxide over the winter and summer periods showed a slight reduction on the previous year's levels; except at Town Centre (summer) and Penenden Heath (winter) where there was a minimal increase.

During the winter of 1971/72 there was a small increase in the levels of smoke concentrations compared with the previous winter, whereas the comparative summer levels were slightly reduced. The winter concentrations were about twice those of the summer.

The smoke concentrations recorded over the past few years, indicate that the level of this pollutant has probably reached a point where there will be no further marked reduction unless the domestic consumption of bituminous coal is controlled by the introduction of smoke control areas.

In May the Public Health Committee instructed the Chief Public Health Inspector to report upon a sample survey he had carried out in 1969 to assess the cost of undertaking a programme of smoke control areas. The Council then adopted in principle the Public Health Committee's recommendation that smoke control areas be made.

In September the Chief Public Health Inspector reported to the Public Health Committee in detail upon a proposed smoke control programme covering the whole of the Borough. The Committee adopted his suggestions and recommended to the Finance Sub-Committee that additional staff be appointed to carry out the work. At the same time the matter was referred to No. 11 District Joint Committee because the bulk of the cost of making smoke control areas would fall upon the new District Council in April 1974. The four Rural District Council representatives on the District Joint Committee agreed unanimously that in their view it would be wrong to commit the new District Council to this expenditure at this stage of the reorganisation of local government.

AIR POLLUTION (continued)

In November the Public Health Committee gave further consideration to this matter, bearing in mind the views of the Rural District Council representatives on the District Council Joint Committee, but they were still of the opinion that the scheme should be started and not delayed until the election of the new District Council. They were prepared, however, to modify the scheme so as to effect its completion in about 15 years instead of the 10 years previously contemplated. When the Public Health Committee's recommendation was submitted to the Council it was referred back for further consideration until Members of the Council had been supplied with the two reports made previously to the Public Health Committee, together with a summary of the relevant parts of a report published by Warren Spring Laboratory on the national survey of air pollution.

In the light of the fuller information then placed before them the Public Health Committee had no hesitation in reiterating their previous recommendation that a smoke control programme be adopted. When their proposal to that effect was considered by the Council, however, the report was defeated by 18 votes to 11, with one abstention.

Undissolved Matter

The average monthly total deposits of undissolved solids per square mile at each of the Maidstone Stations in 1971/72 was as follows:-

<u>Station</u>	<u>Winter</u>	<u>Summer</u>
Barming	3.07 tons	4.47 tons
Town Centre	4.77 tons	5.01 tons
Penenden Heath	3.25 tons	3.88 tons

Sulphur Dioxide

The seasonal average concentrations (in microgrammes/cubic metre) of sulphur dioxide at each of the stations in 1971/72 were as follows:-

<u>Station</u>	<u>Winter</u>		<u>Summer</u>	
	<u>Week-days</u>	<u>Week-ends</u>	<u>Week-days</u>	<u>Week-ends</u>
Barming	87	84	64	42
Town Centre	101	82	67	55
Penenden Heath	76	69	48	40

AIR POLLUTION (continued)

Table of five months' Averages
Microgrammes/cubic metre

	Summer				Winter			
	1970		1971		1970/71		1971/72	
	Week-days	Week-ends	Week-days	Week-ends	Week-days	Week-ends	Week-days	Week-ends
Barming	61	56	64	43	87	97	95	92
Town Centre	57	50	63	57	101	102	111	91
Penenden Heath	44	40	48	41	71	81	84	78
Averages	54	49	58	47	86	93	97	87

Smoke

The average daily concentration of smoke (microgrammes/cubic metre) at each of the stations in 1971/72 was as follows:-

<u>Station</u>	<u>Winter</u>		<u>Summer</u>	
	<u>Week-days</u>	<u>Week-ends</u>	<u>Week-days</u>	<u>Week-ends</u>
Barming	45	43	21	14
Town Centre	55	48	24	15
Penenden Heath	39	34	16	10

AIR POLLUTION (continued)DEPOSITSUndissolved Solids (U/S) (tons/sq.mile/month)Total Solids (T/S) (tons/sq.mile/month)

	Barming		Town Centre		Penenden Heath	
	U/S	T/S	U/S	T/S	U/S	T/S
<u>Summer</u>						
April	4.67	11.82	5.77	10.76	3.07	6.87
May	7.35	14.24	6.43	12.69	3.51	7.65
June	2.95	9.25	4.94	15.05	3.77	10.61
July	3.68	6.03	3.71	5.77	3.30	6.17
August	6.03	12.02	5.40	11.16	7.34	13.30
September	2.15	7.09	3.78	7.56	2.27	4.84
Averages	4.47	10.08	5.01	10.50	3.88	8.24
<u>Winter</u>						
October	1.46	7.39	3.88	12.83	3.10	9.47
November	4.80	9.41	5.57	11.66	4.37	8.88
December	3.35	8.82	5.60	12.76	4.07	10.07
January	2.98	14.02	4.24	16.96	2.84	13.38
February	1.56	4.90	2.88	7.91	1.40	5.04
March	4.24	8.28	6.46	11.36	3.74	6.44
Averages	3.07	8.80	4.77	12.25	3.25	8.88

SMOKE (microgrammes/cu.metre)

	Barming			Town Centre			Penenden Heath		
	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest
<u>Summer</u>									
April	60	26	6	75	25	5	53	19	3
May	-	-	-	40	19	5	39	13	2
June	28	11	3	40	15	5	32	10	3
July	35	15	4	35	15	6	30	14	2
August	30	13	3	35	15	3	28	10	1
September	70	30	6	79	37	7	67	26	4
Average		19			21			15	
<u>Winter</u>									
October	84	28	5	102	33	5	55	21	3
November	156	58	15	229	79	20	174	57	13
December	210	44	9	156	45	13	144	36	8
January	135	52	8	172	60	14	151	43	7
February	179	46	10	188	53	3	140	33	6
March	146	40	2	161	46	4	137	33	2
Average		45			53			37	

SULPHUR DIOXIDE (microgrammes/cu.metre)

	Barming			Town Centre			Penenden Heath		
	Highest	Average	Lowest	Highest	Average	Lowest	Highest	Average	Lowest
<u>Summer</u>									
April	94	55	18	159	73	29	100	44	13
May	-	-	-	143	62	30	92	48	12
June	170	57	13	169	64	24	130	44	18
July	186	64	25	108	66	30	87	39	12
August	99	52	6	113	52	18	75	41	25
September	173	69	19	180	63	6	190	56	6
Average		59			63			45	
<u>Winter</u>									
October	127	48	13	91	47	18	84	31	6
November	306	127	48	360	139	44	263	106	21
December	325	100	32	328	107	30	275	90	26
January	229	89	14	248	111	19	296	87	20
February	190	74	27	264	80	27	266	66	16
March	226	82	13	183	91	31	177	62	13
Average		87			96			74	

BIRTH-RATES, DEATH-RATES AND ANALYSIS OF MORTALITY

IN THE YEAR, 1972

AREA	Rate per 1,000 Population	Annual Death-rate per 1,000 Population				Rate per 1,000	
		All causes	Tuberculosis (pulmonary)	Cancer of Lung	Other Cancer	Total Deaths under 1 year	Still Births Related Births
England and Wales	14.8	12.1	*	*	*	17	12
Hollingbourn R.D.	14.7	12.2	0.00	0.55	1.24	19	19
Malling R.D.	15.5	12.1	0.036	0.6	1.26	16	4
Maidstone R.D.	16.7	11.1	0.04	0.4	2.1	13	11
Maidstone Borough	15.5	11.6	0.08	0.6	1.79	10	18
County of Kent	15.0	12.5	0.02	0.48	1.30	14	10

GENERAL SUMMARY

Population (estimated mid-year 1972)	..	..	..	..	..	72,000
Number of inhabited houses (1962)	..	..	..	..	..	18,328
Number of inhabited houses (end of 1972) according to Rate Books	..	..	..	..	..	23,610
Average number of persons per house (1962)	..	..	..	..		3.3
Average number of persons per house (1972)	..	..	..	..		3.04
Area in acres	..	..	..	..	..	6,194
Density (persons per acre)	..	..	..	..	..	11.6
Annual Birth Rate per 1,000 population	..	..	..	..		15.5
Annual Death Rate per 1,000 population	..	..	..	..		11.6
Phthisis Death Rate per 1,000 population	..	..	..	..		0.09
Cancer Death Rate per 1,000 population	..	..	..	..		2.47
Infantile Death Rate per 1,000 live births	..	..	..	..		10
Live Births:	Males	-	588	Females	-	566 1,154
Deaths:	Males	-	454	Females	-	399 853
Excess of Births over Deaths:	Males	-	134	Females	-	167 301

I N D E X

Acknowledgements	2	Inspections	35
Air Pollution	42-47	Measles	4,6
Analyses: Mortality rates	48	Medical examinations	8
Water Supplies	22	Mid Kent Water Company ..	22
Area	3	National Assistance Acts ..	5
Birth rates	3,48	Notifiable diseases	4-6
Byelaw control	41	Ophthalmia neonatorum	4,6
Cancer	14-15,48	Overcrowding	33
Chest Clinic	11-13	Poliomyelitis	4,6
Common Lodging Houses ..	41	Population	3
Death rates	3,18-20,48	Public Health (Infectious Diseases) Regulations 1953	5
Defective Dwellings ..	32-33	Scarlet fever	4,6
Diphtheria	4,6	Sewerage	25-26
Dysentery	4,6	Smallpox	4,6
Elderly, care of	21	Staff	8
Enteric fever	5,6	Still Births	3,48
Factories	36-40	Swimming Baths	24
Food and Food Hygiene ..	27-31	Tuberculosis	9-13
Food poisoning	4,6	Tuberculosis Care Committee	13
General Summary	49	Vaccination	7-8
Health Committee ..	Title page	Verminous Dwellings	41
Housing	32-35	Vital Statistics	3
Immunisation	7-8	Water Samples	24
Infantile mortality	3,16-17,48	Water Supplies	22-23
Infectious diseases ..	4-6	Whooping Cough	4,6
Infective jaundice	5,6		
Influenza Vaccination ..	8		

